

Table 36. Light-Duty Vehicle Sales by Technology Type  
(Thousands)  
New England

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
<b>New Car Sales 1/</b>													
Conventional Vehicles													
Gasoline ICE Vehicles	430.5	411.6	403.7	394.1	399.9	402.8	397.0	392.9	385.7	377.4	372.7	367.6	365.4
TDI Diesel ICE	0.4	0.3	0.4	0.8	0.8	0.8	1.0	1.0	1.0	1.2	1.2	1.2	1.2
Total Conventional	430.9	412.0	404.1	394.9	400.8	403.6	398.0	393.9	386.7	378.6	373.9	368.8	366.6
Alternative-Fuel Vehicles													
Methanol-Flex Fuel ICE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Methanol ICE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Ethanol-Flex Fuel ICE	20.6	19.4	19.1	18.1	18.5	18.7	23.1	22.8	22.3	26.1	25.8	25.5	25.3
Ethanol ICE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Electric Vehicle	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Electric-Diesel Hybrid	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	1.5	2.7	2.8
Electric-Gasoline Hybrid	0.7	1.1	2.2	12.5	13.2	13.8	14.4	15.0	18.8	18.5	21.9	21.6	22.1
CNG ICE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CNG Bi-fuel	0.6	0.6	0.6	0.6	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6
LPG ICE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LPG Bi-fuel	2.4	2.3	2.2	2.1	2.2	2.1	2.1	2.0	1.9	1.9	1.9	1.9	1.8
Fuel Cell Gasoline	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Fuel Cell Methanol	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Fuel Cell Hydrogen	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Total Alternatives	24.6	23.5	24.2	33.4	34.7	35.4	40.4	40.6	43.8	48.6	51.8	52.4	52.9
Percent Alternative Car Sales	5.39	5.40	5.65	7.80	7.96	8.07	9.21	9.34	10.18	11.38	12.16	12.43	12.61
Total New Car Sales	455.5	435.5	428.3	428.3	435.4	439.0	438.4	434.5	430.5	427.1	425.6	421.2	419.5
<b>New Light Truck Sales 2/</b>													
Conventional Vehicles													
Gasoline ICE Vehicles	368.6	378.7	363.8	369.2	371.6	381.0	371.7	373.0	374.6	374.7	379.1	383.0	388.6
TDI Diesel ICE	17.6	17.3	19.8	30.8	30.4	29.3	28.8	29.6	29.9	34.6	35.0	34.7	36.0
Total Conventional	386.2	395.9	383.6	400.0	402.0	410.3	400.5	402.6	404.4	409.3	414.2	417.6	424.6
Alternative-Fuel Vehicles													
Methanol-Flex Fuel ICE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Methanol ICE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Ethanol-Flex Fuel ICE	17.9	18.5	18.1	19.3	20.9	21.4	36.4	36.5	36.7	36.7	37.3	37.8	38.5
Ethanol ICE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Electric Vehicle	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.5	0.5
Electric-Diesel Hybrid	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Electric-Gasoline Hybrid	0.0	0.0	0.0	9.1	17.1	18.0	17.9	18.5	19.0	19.5	20.3	21.0	21.8
CNG ICE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CNG Bi-fuel	1.6	1.7	1.6	1.7	1.8	1.8	1.8	1.8	1.8	1.9	1.9	1.9	1.9
LPG ICE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LPG Bi-fuel	5.4	5.5	5.4	5.7	5.9	6.0	6.1	6.1	6.1	6.2	6.3	6.4	6.5
Fuel Cell Gasoline	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Fuel Cell Methanol	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Fuel Cell Hydrogen	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.3	0.1
Total Alternatives	25.1	25.9	25.3	36.0	45.9	47.6	62.5	63.2	64.2	64.9	66.3	68.0	69.4
Percent Alternative Light Truck Sales	6.11	6.15	6.18	8.25	10.24	10.39	13.49	13.58	13.70	13.69	13.80	14.00	14.05
Total New Truck Sales	411.4	421.9	408.9	436.0	447.9	457.9	463.0	465.9	468.7	474.1	480.5	485.6	494.0

Table 36. Light-Duty Vehicle Sales by Technology Type  
(Thousands)  
New England

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Percent Total Alternative Sales	5.73	5.77	5.91	8.03	9.12	9.26	11.41	11.53	12.01	12.59	13.03	13.27	13.39
EPACT Legislative Alternative Sales	13.99	14.01	13.55	14.14	14.41	14.61	14.65	14.61	14.57	14.61	14.76	14.85	15.05
ZEVP Legislative Alternative Sales	0.00	0.00	0.00	0.00	12.85	19.36	19.50	19.55	27.42	27.58	26.85	36.93	33.30
Total Vehicles Sales	866.8	857.3	837.2	864.3	883.3	896.9	901.3	900.4	899.1	901.3	906.1	906.8	913.5

Table 36. Light-Duty Vehicle Sales by Technology Type  
(Thousands)  
New England

	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2002- 2025
<b>New Car Sales 1/</b>													
Conventional Vehicles													
Gasoline ICE Vehicles	361.3	357.7	358.0	360.1	361.7	362.0	361.7	357.3	355.7	355.3	355.6	356.0	-0.6%
TDI Diesel ICE	1.2	1.2	1.3	1.3	1.4	1.4	1.5	1.5	1.5	1.6	1.6	1.7	7.4%
Total Conventional	362.5	358.9	359.3	361.4	363.1	363.4	363.1	358.8	357.2	356.9	357.2	357.7	-0.6%
Alternative-Fuel Vehicles													
Methanol-Flex Fuel ICE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-1.1%
Methanol ICE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N/A
Ethanol-Flex Fuel ICE	25.1	24.8	24.7	24.8	24.9	24.9	24.8	24.4	24.2	24.1	24.1	24.1	0.9%
Ethanol ICE	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	2.8%
Electric Vehicle	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	-0.3%
Electric-Diesel Hybrid	3.4	3.5	3.6	3.6	3.6	3.6	3.6	3.6	3.5	3.5	3.5	3.5	N/A
Electric-Gasoline Hybrid	22.2	22.6	22.6	22.8	23.0	23.0	23.0	22.7	22.6	22.5	22.5	22.5	14.1%
CNG ICE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-1.1%
CNG Bi-fuel	0.6	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.5	0.6	0.6	0.6	-0.3%
LPG ICE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N/A
LPG Bi-fuel	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	-1.0%
Fuel Cell Gasoline	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N/A
Fuel Cell Methanol	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N/A
Fuel Cell Hydrogen	0.1	0.2	0.3	0.3	0.5	0.5	0.5	0.6	0.6	0.6	0.7	0.7	N/A
Total Alternatives	53.3	53.6	53.7	54.1	54.6	54.6	54.5	53.7	53.4	53.3	53.3	53.4	3.6%
Percent Alternative Car Sales	12.82	12.99	13.01	13.02	13.08	13.06	13.05	13.02	13.00	12.99	12.99	12.99	3.9%
Total New Car Sales	415.8	412.5	413.0	415.5	417.7	418.1	417.6	412.5	410.6	410.1	410.6	411.1	-0.3%
<b>New Light Truck Sales 2/</b>													
Conventional Vehicles													
Gasoline ICE Vehicles	391.3	393.0	399.1	407.0	414.7	421.0	426.5	427.5	432.1	439.1	446.9	456.1	0.8%
TDI Diesel ICE	36.1	36.7	37.6	38.7	39.7	40.8	41.7	42.0	42.4	42.8	43.9	45.2	4.3%
Total Conventional	427.4	429.7	436.7	445.7	454.4	461.8	468.2	469.5	474.5	481.9	490.8	501.3	1.0%
Alternative-Fuel Vehicles													
Methanol-Flex Fuel ICE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5%
Methanol ICE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N/A
Ethanol-Flex Fuel ICE	38.9	39.1	39.9	40.9	42.1	43.0	43.8	43.9	44.6	45.6	46.8	48.0	4.2%
Ethanol ICE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N/A
Electric Vehicle	0.4	0.7	0.8	0.8	1.4	1.4	1.3	1.3	1.3	1.3	1.4	1.4	9.4%
Electric-Diesel Hybrid	0.0	1.2	1.2	1.8	1.9	1.9	3.3	3.3	3.4	3.4	3.5	3.6	N/A
Electric-Gasoline Hybrid	22.5	22.5	22.9	23.1	23.6	24.0	23.6	23.7	23.9	24.3	24.7	25.2	N/A
CNG ICE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5%
CNG Bi-fuel	2.0	2.0	2.0	2.1	2.1	2.1	2.2	2.2	2.2	2.2	2.3	2.3	1.5%
LPG ICE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7%
LPG Bi-fuel	6.5	6.6	6.7	6.8	7.0	7.1	7.2	7.2	7.3	7.4	7.6	7.7	1.5%
Fuel Cell Gasoline	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N/A
Fuel Cell Methanol	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N/A
Fuel Cell Hydrogen	0.1	0.3	0.3	0.3	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.5	N/A
Total Alternatives	70.4	72.3	73.7	75.8	78.7	80.1	82.0	82.3	83.3	84.8	86.8	88.7	5.5%
Percent Alternative Light Truck Sales	14.14	14.41	14.45	14.54	14.77	14.78	14.90	14.91	14.93	14.96	15.02	15.04	4.0%
Total New Truck Sales	497.8	502.0	510.4	521.6	533.1	541.9	550.2	551.8	557.8	566.7	577.6	590.0	1.5%

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	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2002- 2025
Percent Total Alternative Sales	13.54	13.77	13.80	13.87	14.02	14.04	14.10	14.10	14.11	14.13	14.18	14.20	4.0%
EPACT Legislative Alternative Sales	15.12	15.20	15.41	15.70	16.00	16.22	16.42	16.43	16.56	16.78	17.05	17.36	0.9%
ZEVP Legislative Alternative Sales	30.40	45.83	48.52	49.95	71.20	69.97	69.69	70.20	70.14	69.28	73.65	73.64	N/A
Total Vehicles Sales	913.6	914.5	923.5	937.1	950.8	960.0	967.8	964.4	968.4	976.9	988.1	1001.1	0.7%

Table 36. Light-Duty Vehicle Sales by Technology Type  
(Thousands)  
New England

1/ Includes personal and fleet light-duty cars.

2/ Includes personal and fleet light-duty trucks.

ICE = Internal combustion engine.

EPACT = Energy Policy Act of 1992.

ZEVP = Zero emission vehicles from the low emission vehicle program.

N/A = Not applicable.

Sources: 2002 derived using: California Air Resources Board (CARB), "Proposed Regulations for Low-Emission Vehicles and Clean Fuels, Staff Report"; CARB, "Proposed Amendments to California Exhaust and Evaporative Emission Standards and Test Procedures for Passenger, Light-Duty Trucks and Medium-Duty Vehicles - LEVII and Proposed Amendments to California Motor Vehicle Certification: Assembly-Line and In-Use Test Requirements - CAP 2000," (El Monte, CA, September 1998); Energy Information Administration (EIA), Describing Current and Potential Markets for Alternative-Fuel Vehicles, DOE/EIA-0604(96) (Washington, DC, March 1996); EIA, Alternatives to Traditional Transportation Fuels 1998, [http://www.eia.doe.gov/cneaf/alt\\_trans98/table1.html](http://www.eia.doe.gov/cneaf/alt_trans98/table1.html); and EIA, AEO2004 National Energy Modeling System run aeo2004.d101703e. Projections: EIA, AEO2004 National Energy Modeling System run aeo2004.d101703e.